

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) Optical detector device for a meter, comprising:
a consumption indicator formed of a rotating disc $[(4)]$ provided with a so-called active sector $[(4A)]$ and optical elements of emitting type and receiving type opposite said disc, whose received optical signal is processed to infer at least the number of rotations of said disc, $[[comprising]]$ having at least two said optical elements $[(6A, 6B)]$ of one type and at least one said optical element $[(7)]$ of the other type, $[[characterized in that]]$ wherein said sector $[(4A)]$ is a reflecting sector with a centre angle called a first angle (γ) of between about 45 and 225°, and said two optical elements of one type $[(6A, 6B)]$ are emitting elements of a light beam, the lines connecting each trace $\{S(6A), S(6B)\}$ of these beams on disc $[(4)]$ forming a centre angle in the centre of the disc called a nonzero second angle (α).
2. (currently amended) Device as in claim 1, $[[characterized in that]]$ wherein said first angle (γ) is equal to twice said second angle (α).
3. (currently amended) Device as in claim 1 $[[or 2]]$, $[[characterized in that]]$ wherein said reflecting sector $[(4A)]$ has a centre angle (γ) of 180°.

4. (currently amended) Device as in [[any of the preceding]] claim[[s]] 1 [[characterized in that it comprises]] further comprising two emitting optical elements [[(6A, 6B)]] and one receiving optical element [[(7)]]].

5. (currently amended) Device as in claim 4, [[characterized in that]] wherein said three optical members [[(6A, 6B, 7)]] are substantially aligned and the receiving optical element [[(7)]] is between the emitting elements [[(6A, 6B)]]].

6. (currently amended) Device as in [[any of the preceding]] claim[[s]] 1, [[characterized in that it comprises]] further comprising two emitting optical elements [[(6A', 6B'')]] and two receiving optical elements [[(7', 7'')]] associated in pairs, each receiving element receiving the optical beam of the emitting element in the same pair.

7. (currently amended) Device as in [[any of the preceding]] claim[[s]] 1, [[characterized in that]] wherein the two optical emitters [[(6A, 6B)]] operate sequentially.

8. (currently amended) Device as in [[any of the preceding]] claim[[s]] 1, [[characterized in that]] wherein the non-reflecting sector [[(4B)]] of said disc [[(4)]] is inclined with respect to the axis of the disc.

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9. (currently amended) Device as in [[any of the preceding]] claim[[s]] 1
[[characterized in that]] wherein the positioning of said optical elements [[(6A, 6B)]] is such that
the angle of incidence (B) of the optical beam emitted and received by the optical elements is
less than 60°.

10. (currently amended) Device as in [[any of the preceding]] claim[[s]] 1
[[characterized in that it comprises]] further comprising a collimator device [[(8)]] for the optical
beam.

11. (currently amended) Device as in claim 10, [[characterized in that]] wherein said
collimator device [[(8)]] comprises slits [[(9)]] limiting stray interference between light beams.

12. (currently amended) Device as in [[any of the preceding]] claim[[s]] 1,
[[characterized in that it comprises]] further comprising an additional optical emitter [[(10)]] for
presence detection.

13. (currently amended) Device as in claim 12, [[characterized in that]] wherein the
trace on disc [[(4)]] of this presence detection emitter [[(10)]] is centred on the axis of symmetry
(A) of the disc.

14. (currently amended) Device as in claim[[s]] 6 [[and 12]], [[characterized in that]] wherein said presence detection optical emitter is associated in a pair with a receiving optical emitter, the trace (S') of this emitter on the disc being substantially equidistant from those of said two preceding emitting optical elements [[(6A', 6B'')]].

15. (currently amended) Fluid meter [[(1)]] comprising:
a rotating disc [[(4)]] that is part of an optical detector device as in [[any of the preceding]] claim[[s]] 1.

16. (currently amended) Detection module [[(5)]] intended to cooperate with a fluid meter [[(1)]] and comprising said optical elements [[(6A, 6B, 7)]] that are part of a device as in [[any of]] claim[[s]] 1 [[to 14]].

17. (currently amended) Module as in claim 16, ~~characterized in that it also comprises~~ further comprising an optical beam collimator device [[(8)]].

18. (currently amended) Module as in claim[[s 16 and]] 6 [[or 16 and 14]],
[[characterized in that]] wherein the emitting optical element and the receiving optical element of at least one of said pairs are housed in a common support [[(11)]].

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19. (currently amended) Module as in claim 18, [[characterized in that]] wherein said support [[(11)]] has a sealing lip [[(11B)]] surrounding the pair of optical elements and intended to bear upon said fluid meter.

20. (currently amended) Module as in claim [[18 or]] 19, [[characterized in that]] wherein said support [[(11B)]] comprises a flange [[(11C)]] separating the two optical elements and intended to bear upon said fluid meter.